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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product identification: Concentrated mixture of aromatic raw materials (fragrance)
Name: JAMMY TIME (PF)

1.2 Relevant identified uses of the mixture

Manufacturing use only. Not for personal use in this form or concentration

1.3 Details of the supplier of the safety data sheet

Company: Escentscia Limited
Address: 6 Pioneer Park, Clough Road, Hull. HU6 7HW UK.

e-mail: msds@escentscia.uk
website: www.escentscia.uk
Telephone: +44 (0)1482 332766

1.4 Emergency telephone number

Emergency telephone number: +44 (0)1482 332766
Opening hours: 09:00-16:00, Monday - Friday

Further information obtainable from: Technical Department
1.4 Emergency telephone number:
National Poisons Information Service
+44 121 507 4123
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008


GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

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GHS07

Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms


GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:

Citronellol
Pentyl salicylate
Benzyl benzoate
(R)-p-mentha-1,8-diene
Linalyl acetate
Coumarin
Benzyl acetate
Citral
Isoeugenol
Cedrene

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 106-22-9 EINECS: 203-375-0	Citronellol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	>5–≤10%
CAS: 78-69-3 EINECS: 201-133-9	tetrahydrolinalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	>5–≤10%
CAS: 58985-18-5 EINECS: 261-543-9	Dihydroterpinyl acetate Aquatic Chronic 2, H411; Eye Irrit. 2, H319; Skin Sens. 1B, H317	>5–≤10%
CAS: 17511-60-3 EINECS: 241-514-7	Tricyclodecenyl propionate (verdyl propionate) Aquatic Chronic 2, H411	>5–≤10%
CAS: 77-54-3 EINECS: 201-036-1	Cedryl acetate Aquatic Chronic 2, H411	>5–≤10%
CAS: 2050-08-0 EINECS: 218-080-2	Amyl salicylate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302	>1–≤5%
CAS: 78-70-6 EINECS: 201-134-4	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	>1–≤5%
CAS: 34902-57-3 EINECS: 422-320-3	A mixture of: (E)-oxacyclohexadec-12-en-2-one (E)-oxacyclohexadec-13-en-2-one a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one Aquatic Chronic 1, H410 (M=1)	>1–≤5%
CAS: 120-51-4 EINECS: 204-402-9	Benzyl benzoate Aquatic Chronic 2, H411; Acute Tox. 4, H302	>1–≤5%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	>1–≤5%
CAS: 115-95-7 EINECS: 204-116-4	linalyl acetate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	>1–≤5%
CAS: 60-12-8 EINECS: 200-456-2	phenethyl alcohol Acute Tox. 4, H302; Eye Irrit. 2, H319	>1–≤5%
CAS: 23787-90-8 EINECS: 245-890-3	Isolongifolene ketone (Piconia) Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1B, H317	>1–≤5%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	>1–≤5%
CAS: 1205-17-0 EINECS: 214-881-6	alpha-methyl-1,3-benzodioxole-5-propionaldehyde (helional) Repr. 2, H361; Aquatic Chronic 2, H411; Skin Sens. 1, H317	>1–≤5%
CAS: 4940-11-8 EINECS: 225-582-5	Ethyl maltol Acute Tox. 4, H302	>1–≤5%
CAS: 28219-61-6 EINECS: 248-908-8	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (bagdanol) Aquatic Chronic 1, H410; Eye Irrit. 2, H319	>1–≤5%
CAS: 140-11-4 EINECS: 205-399-7	benzyl acetate Aquatic Chronic 3, H412	>1–≤5%

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CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super) Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<1%
CAS: 103-95-7 EINECS: 203-161-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde (cyclamen aldehyde) Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1–<1%
CAS: 5392-40-5 EINECS: 226-394-6	Citral Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<1%
CAS: 67634-00-8 EINECS: 266-803-5	Allyl amyl glycolate STOT RE 2, H373; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H312	≥0.1–<1%
CAS: 107-75-5 EINECS:203-518-7	Hydroxycitronellal Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1–<1%
CAS: 65405-77-8 EINECS: 265-745-8	cis-3-Hexenyl salicylate Aquatic Acute 1, H400	≥0.1–<1%
CAS: 70788-30-6 EINECS: 274-892-7	1-(2,2,6-Trimethylcyclohexyl)-3-hexanol (timberol) Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1B, H317	≥0.1–<1%
CAS: 35206-51-0 EINECS: 252-438-9	1,3-Dimethylbutyl 2-butenoate Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1–<1%
CAS:87-44-5 EINECS: 201-746-1	beta-Caryophyllene Asp. Tox. 1, H304; Skin Sens. 1B, H317	≥0.1–<1%
CAS: 97-54-1 EINECS:202-590-7	isoeugenol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317; STOT SE 3, H335	≥0.1–<1%
CAS: 112-45-8 EINECS: 203-973-1	Undec-10-enal Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1–<1%
CAS: 68039-49-6 EINECS: 268-264-1	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde (Hivertal) Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<1%
CAS: 110-41-8 EINECS: 203-765-0	Methyl nonyl acetaldehyde (MNA) Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<1%
CAS: 18096-62-3 EINECS: 241-997-4	4,4a,5,9b-Tetrahydroindeno[1,2-d]-1,3-dioxine Repr. 2, H361	≥0.1–<1%
CAS: 11028-42-5 EINECS: 234-257-7	Cedrene Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315)	≥0.1–<1%
CAS: 16356-11-9 EINECS: 240-416-1	1,3,5-Undecatriene Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Skin Irrit. 2, H315	≥0.1–<1%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

perfumes (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), Citronellol, Amyl salicylate, Linalool, (R)-p-mentha-1,8-diene, linalyl acetate, Coumarin, Citral)

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

If symptoms persist consult doctor.

A person vomiting while laying on their back should be turned onto their side.

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

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Wear protective clothing.
6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep receptacles tightly sealed.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions:
Keep container tightly sealed.
Store receptacle in a well ventilated area.
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Appropriate engineering controls No further data; see section 7.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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Hand protection

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Fluid
Colour:	Very pale yellow to yellow
Odour:	Fruity
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	290 °C (CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super))
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	70–100 °C (CAS: 6938-94-9 DI ISO PROPYL ADIPATE)
Auto-ignition temperature:	332 °C
Decomposition temperature:	Not determined.
pH	Mixture is non-soluble (in water).
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Insoluble (10%)
alcohols:	Partly miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.

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Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Oily
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Organic solvents:	0.2 %
VOC (EC)	0.17 %
VOCV (CH)	0.10 %
Solids content:	2.6 %
Refractive index	1.446-1.486
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions No dangerous reactions known.
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products: No dangerous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)
CAS: 78-70-6 linalool

Oral LD50 2790 mg/kg

Dermal LD50 5610 mg/kg

CAS: 106-22-9 dl-Citronellol

Oral LD50 3450 mg/kg

Dermal LD50 2650 mg/kg
CAS: 91-64-5 Coumarin

Oral LD50 293 mg/kg

Primary irritant effect:
Skin corrosion/irritation Causes skin irritation.
Serious eye damage/irritation Causes serious eye irritation.
Respiratory or skin sensitisation May cause an allergic skin reaction.
11.2 Information on other hazards
Endocrine disrupting properties

CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super): List II

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: List II

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: No further relevant information available.
12.2 Persistence and degradability No further relevant information available.
12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
Remark: Toxic for fish

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Additional ecological information:
General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number	
ADR, IMDG, IATA	UN3082
14.2 UN proper shipping name	
ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), alpha-Hexylcinnamaldehyde)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), alpha-Hexylcinnamaldehyde), MARINE POLLUTANT
IATA	Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), alpha-Hexylcinnamaldehyde)
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	

Class	9 Miscellaneous dangerous substances and articles.
Label	9
14.4 Packing group	
ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
Special marking (IATA):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
Hazard identification number (Kemler code):	90
EMS Number:	F-A,S-F
Stowage Category	A
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

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Transport/Additional information:

ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	(-)
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL) ETHANONE (ISO-E SUPER), ALPHA-HEXYLCINNAMALDEHYDE), 9, III

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Existing Chemical Substances

CAS: 6938-94-9 DI ISO PROPYL ADIPATE: 2-861, 2-879

CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)

CAS: 101-86-0 alpha-Hexylcinnamaldehyde: 3-2657

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: 5-683

CAS: 28219-61-6 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (bagdanol)

CAS: 25265-71-8 DIPROPYLENE GLYCOL: 2-413

CAS: 105-95-3 Ethylene brassylate: 5-1104, 5-3880

CAS: 93-04-9 beta-Naphthyl methyl ether: 4-362

CAS: 1335-46-2 Methyl ionone (mixture of isomers)

CAS: 17511-60-3 Tricyclodecenyl propionate (verdyl propionate): 4-658

CAS: 78-70-6 linalool: 2-249, 2-258

CAS: 106-22-9 dl-Citronellol: 2-258

CAS: 60-12-8 Phenethyl alcohol: 3-1032

CAS: 103-60-6 2-phenoxyethyl isobutyrate: 3-564

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CAS: 142-92-7 hexyl acetate: 2-734
CAS: 6259-76-3 hexyl salicylate: 3-1585
CAS: 55066-48-3 3-Methyl-5-phenylpentanol (phenoxanol): 3-1044
CAS: 91-64-5 Coumarin: 5-688
CAS: 120-57-0 piperonal: 5-514
CAS: 110-27-0 isopropyl myristate: 2-798
CAS: 2705-87-5 Allyl cyclohexanepropionate: 3-2429
CAS: 77-93-0 triethyl citrate: 2-1320
CAS: 706-14-9 gamma-Decalactone: 5-1173, 9-137
CAS: 1205-17-0 alpha-methyl-1,3-benzodioxole-5-propionaldehyde (helional): 5-3560
CAS: 2082-79-3 n-octadecyl 3-(4'-hydroxy-3',5'-di-t-butylphenyl) propionate: 3-1737
CAS: 5471-51-2 4-(p-Hydroxyphenyl)-2-butanone: 3-2930
CAS: 6790-58-5 8-alpha,12-Oxido-13,14,15,16-tetranorlabdane: 5-3339
CAS: 7452-79-1 ethyl 2-methylbutyrate: 2-776
CAS: 5989-27-5 (R)-p-mentha-1,8-diene: 3-2245, 7-988, 8-498
CAS: 127-91-3 beta-Pinene: 4-593, 8-497

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category E2 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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Department issuing SDS: Technical Department
Contact:
Technical Department
msds@escentscia.uk

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3